

ABSTRACT OF THE DISCLOSURE

5 The present invention relates to iodine demand
disinfectants. It relates in particular to a process for
preparing a polyiodide-resin for use as an iodine demand
disinfectant wherein a porous strong base anion exchange
resin in a salt form, is contacted with a material capable
of donating a member absorbable by the resin so as to
convert the resin to the polyiodide-resin. The adsorbable
10 member is selected from the group comprising I_2 and
polyiodide ion having a valence of -1. The process is
characterized in that conversion of the anion exchange
resin to the polyiodide-resin is effected at elevated
temperature and elevated pressure, the elevated
15 temperature being 100 degrees C or higher, the elevated
pressure being greater than atmospheric pressure. The
present invention also relates to disinfectant substance
comprising an iodine (impregnated) resin as produced by
the above process.